

**AS9100D CERTIFIED**

**EXPERTS IN  
MISSION-CRITICAL  
AEROSPACE & DEFENSE  
COMPONENTS**

**SPECIALIZED IN**

**High-Precision  
Machining**

**Design  
Engineering**

**Quality  
Inspection**



**FLOOR AREAS  
36,000 SFT**



**EMPLOYEES  
99+**



**MACHINES  
27+**



# MANUFACTURING SERVICES

- Aerospace-grade CNC Machining (3, 4, 5 Axis) and Creep Feed Grinding Machines
- Expertise in Titanium & Nickel Alloy Machining
- Aerospace Components: Blades, Casings, Rings
- High-Precision CMM Inspection
- Rapid Prototyping & Custom Tooling

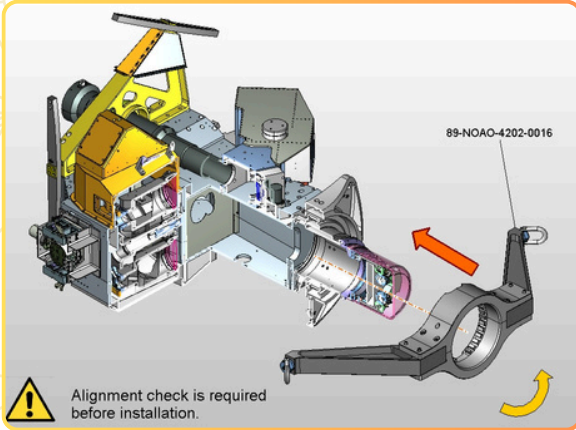
## Supporting Defense R&D with Agile, Scalable manufacturing:

- High-Precision Machining – Complex parts with tight tolerance.
- Prototyping & Low-Volume Production – Rapid development of functional prototypes.
- Material Expertise – Aerospace-grade metals such as Titanium and Nickel alloys, composites, and special alloys,
- End-to-End Support – From material procurement to component delivery.





# ENGINEERING SERVICES



- DFM (Design for Manufacturability) – Optimize designs for manufacturability and cost.
- CAD/CAM Engineering – 3D modeling, simulation, and toolpath generation.
- Reverse Engineering – Reconstructing legacy or undocumented parts.
- Co-Development – Collaborative design iteration with defense engineers.
- Expertise in 3D CAD design using multiple platforms.
- Product and Manufacturing BoM creation, 2D product drawing generation.
- Structural design, FEM calculations, and CAE analysis.
- Experience working in PLM/PDM platforms for seamless data management.
- Technical publications for service maintenance manuals and work instructions.

## QUALITY COMMITMENT

Our AS9100D-certified Quality Management System ensures excellence in every component we deliver.



## PRECISION QUALITY SERVICES

- CMM Inspection for Dimensional Accuracy
- First Article Inspection (FAI – AS9102)
- Full Material Traceability & Documentation
- In-Process QC & Continuous Improvement







## WHY US?

**"A trusted precision partner for defense innovation."**

Defense-ready certifications and infrastructure

Rapid response capabilities for urgent R&D needs

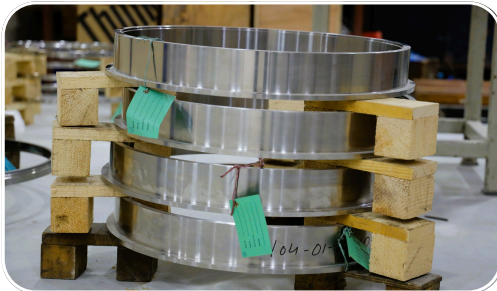
Proven high-precision track record

Collaborative approach to solving complex challenges

## SALIENT FEATURES

- AS9100D Certified – Compliant with international aerospace & defense quality standards.
- Advanced CNC Infrastructure – Equipped with 5-axis, 4-axis, 3-axis CNC Milling and Turning machining centers for complex geometries
- Precision Assurance – Coordinate Measuring Machine (CMM) for high-accuracy dimensional inspection.
- Serving aerospace, defense, and high-tech industries with consistent quality and reliability.
- Equipped with a high-precision Creep Feed Grinding Machine for fir-tree root serrations on turbine blades and other critical aerospace components like nozzle guide vanes and spines

## PRODUCTS EXHIBITION



**RAMA SAYYAPARAJU**

Managing Director

Dear Customer,

Your Requirements Are Our Target.

For more than 30 years, we have specialized in the manufacturing, design, and production of aerospace components, with deep expertise in titanium and nickel alloy machining. Our long-standing experience with CNC machines and continuous investment in optimizing our equipment ensures we meet the highest industry standards.

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